



IFU

Patent
Attorney Docket No. 005950-833

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Shenggao Liu et al.

Application No.: 10/622,046
Filing Date: July 16, 2003

Group Art Unit: 2811
Examiner: EDDIE C H LEE
Confirmation No.: 2268

Title: HETEROATOM-CONTAINING DIAMONDOID TRANSISTORS

THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300

By Stephen F. Powell
Stephen F. Powell
Registration No. 43,014

Date: 9-29-04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Shenggao Liu et al.)

Application No.: 10/622,046)

Filed: July 16, 2003)

For: HETEROATOM-CONTAINING)
DIAMONDOID TRANSISTORS)

Group Art Unit: 2811

Examiner: EDDIE C H LEE

Confirmation No.: 2268

THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date 9-29-04

By: Stephen F. Powell
Stephen F. Powell
Registration No. 43,014

P.O. Box 1404
Alexandria, Virginia 22313-1404
(650) 622-2300

**THIRD
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

10/622,046

Filing Date

July 16, 2003

First Named Inventor

Shenggao Liu et al.

Examiner Name

EDDIE C H LEE

Attorney Docket Number

005950-833

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	1088875	A2	EP	04-04-2001				X			
	03/050066	A1	PCT	06-19-2003				X			

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Search Report from PCT/US03/22630 dated 8/20/2004
	Das, K.K., "Electronic Applications of Diamond Films and Coatings" from <u>Diamond Films and Coatings</u> , pp. 381-410, Noyes Publications, R.F. Davis, editor, Park Ridge New Jersey (1993)

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.